Stoneville Pedigreed Seed Co.

Originators & Breeders

Stoneville, Mississippi

Introduces . . .

STONEVILLE #7

A NEW —

HIGH GIN TURN-OUT

HIGH PRODUCING

LIGHTLY FOLIAGED

Quality Cotton

A NEW MEMBER OF THE STONEVILLE FAMILY OF QUALITY COTTONS

A new cotton is making its appearance in the cotton production picture this fall. Characterized by high gin turn-out and an upright, light foliaged plant, this new Stoneville Cotton is creating considerable favorable comment from many sections of the Cotton Belt. Reports coming in from key cotton growers in Missouri, Arkansas, Tennessee, Alabama, Mississippi, Louisiana and Texas indicate it is repeating on the farm the outstanding performance record it made in Experiment Stations across the Belt.

Stoneville #7 is the result of a selection made from a non-commercial Stoneville line, designated S-2-8186, in a Verticilium wilt test near Clarksdale, Mississippi. The selection was put into the regular breeding program of the Stoneville Pedigreed Seed Company and grown the following year in a progeny row to check agronomic qualities. The next year it was placed in a replicated field trial where both agronomic qualities and yield were evaluated. Results of these tests were so impressive that seed were sent to Iguala Mexico to take advantage of the October to April growing season. This permits two plantings in one year and greatly increases our supply of seed for testing on a broader scale. In 1955 Stoneville #7 was tested by experiment stations and private breeding firms at 39 locations in 7 states. It is being tested even more widely during 1956 in 13 states.

In 1955 thirty tons of Stoneville #7 seed was distributed among cotton farmers for "on farm testing". In 1956 this was increased to one hundred tons and the area included most of the cotton belt. The reports coming in from these farmers has borne out the findings of the Experiment Stations, i.e.. heavy yield; high gin turn-out; upright, open plant with minimum foliage.

Based on reports of individual farmers and Experiment Stations, the Stoneville Pedigreed Seed Company has decided to release for commercial production in 1956 a limited amount of Stoneville #7 Breeders Registered Seed. It is our belief that Stoneville #7 will carry out the tradition of excellence built by the other members of the Stoneville Family of Quality Cottons over the past 35 years.

Characteristics • • •

1. Lint Percentage (Gin turn-out) — Very good (see table 1).
2. Plant type — Upright, with sparse foliage for better penetration of sunlight.
3. Staple length — A good 1 1/32 to 1 3/32 inch cotton.
4. Maturity — Medium to medium late.
5. Hand picking — Good--well opened boll makes for faster easier picking.
6. Machine picking — Good--lightly foliaged, upright plant permits spindles to engage cotton more efficiently.
7. Fibre fineness (micronaire) — Medium coarse, usually runs 4.0 to 4.6.

The results of the yield and gin turn-out of Stoneville #7 as compared to seven competitive varieties in 1955 are summarized in Table 1. Because of the wide area over which these tests were conducted, not all of the competing varieties appeared in each of the tests. Stoneville #7 is compared with each variety only on the basis of the tests in which both appeared.

Table 1. Lint yield and gin turn-out of Stoneville #7 as compared to other popular cottons on a Belt-wide basis in 1955.*

Varieties	No. of Tests		Average Yield of Lint per Acre		Lint Percentage	
	1956	1955	1956	1955	1956	1955
Stoneville #7	58	34	680	871	38.3	37.6
Deltapine 15	58	34	617	802	38.9	37.8
Stoneville #7	53	30	667	887	38.3	37.4
D & P L Fox	53	30	632	845	36.9	35.3
Stoneville #7	56	24	707	902	38.4	37.4
Dixie King	56	24	695	841	37.1	36.0
Stoneville #7	65	34	663	871	38.4	37.7
Empire W. R.	65	34	620	774	37.1	35.8
Stoneville #7	45	32	667	912	38.1	37.3
Coker 124	45	32	632	855	36.9	36.1
Stoneville #7	64	34	680	862	38.3	37.7
Coker 100 Wilt	64	34	676	800	36.8	35.4
Stoneville #7	58	24	680	829	38.5	37.3
Plains	58	24	661	796	36.8	36.3

*Tests were conducted by State, Federal and private breeders in the following locations:

TEXAS	MISSOURI	MISSISSIPPI	ARKANSAS	NO. CAROLINA
Weslaco	Sikeston	Stoneville	Clarkedale	Salsbury
Sugarland	Dexter	Tunica	Osceola	Clayton
Bryan	Steele	Yazoo City	Marianna	Rocky Mount
Prarieview	Deering	Money	Leachville	
Balmorhea	Caruthersville	Scott		
Victoria		Minter City		
Temple		Lake Cormorant		

SO. CAROLINA	GEORGIA	ALABAMA
Clemson	Experiment	Auburn
Hartsville		Sand Mountain
Chester		

Detailed information on locations and results of all tests used to compile the above averages are on file in Stoneville and may be seen by anyone interested in them.

A COMPARISON OF YIELD & LINT PERCENTAGE OF STONEVILLE #7 WITH SEVERAL OTHER VARIETIES ACCORDING TO AREAS IS GIVEN BELOW

MID-SOUTH — (Missouri, Arkansas and Mississippi)

Varieties	No. of Tests	Average Yield of Lint per Acre	Lint Percentage
Stoneville #7	20	1013	36.7
Deltapine 15	18	920	37.0
D & P L Fox	18	967	34.4
Dixie King	14	923	35.5
Empire W. R.	16	891	34.2
Coker 124	20	938	35.6
Stoneville 3202	20	956	36.1
Deltapine Staple	15	849	35.0
Coker 100 Wilt	19	906	34.2

SOUTHEAST — (Alabama, Georgia, South Carolina and North Carolina)

Varieties	No. of Tests	Average Yield of Lint per Acre	Lint Percentage
Stoneville #7	8	673	39.2
Deltapine 15	7	560	39.2
D & P L Fox	7	636	37.1
Dixie King	6	648	37.4
Empire W. R.	7	626	38.1
Coker 124	7	630	37.8
Stoneville 3202	8	657	38.6
Plains	8	690	37.8
Coker 100 Wilt	7	699	37.5

TEXAS —

Varieties	No. of Tests	Average Yield of Lint per Acre	Lint Percentage
Stoneville #7	7	737	38.8
Deltapine 15	7	712	38.4
Delfos 9169	7	691	35.6
Empire W. R.	7	688	37.2
Stoneville 2B	5	560	36.1
Coker 100 Wilt	5	545	33.7
Northern Star	5	570	38.2

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